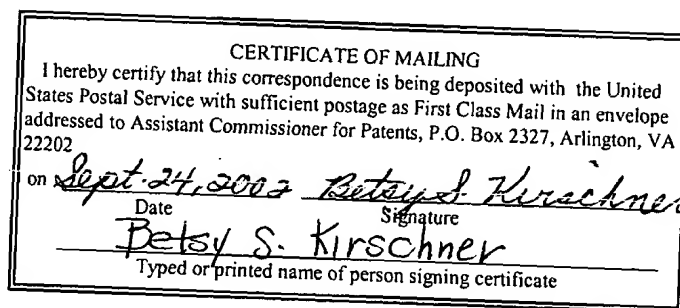


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jordan J.N. Tang and Arun K. Ghosh
Application No.: 09/603,713 Group Art Unit: 1653
Filed: June 27, 2000 Examiner: Abdel A. Mohamed
Title: Inhibitors of Memapsin 2 and Use Thereof



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FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☐ under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☒ under 37 CFR 1.97(c) together with either:
☐ a Statement under 37 CFR 1.97(e), as checked below, or
☒ a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
☐ a Statement under 37 CFR 1.97(e), as checked below, and
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(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.
(Filed after payment of issue fee)

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Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references (AJ-AK, AA2-AE2, AP-AQ, AL2-AQ2, AL3-AQ3, AL4, AW-AZ, AR2-AZ2, AR3-AZ3, AR4-AZ4, AR5-AZ5, AR6-AZ6, AR7-AZ7, AR8-AZ8, AR9-AZ9, AR10-AZ10 and AR11-AX11) are enclosed.
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- ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
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It is requested that the information disclosed herein be made of record in this application.

Method of payment:

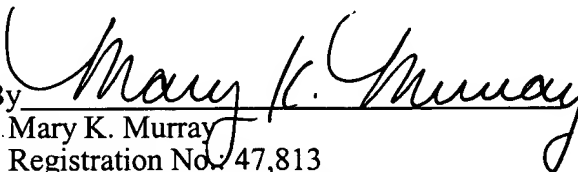
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Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 
Mary K. Murray

Registration No. 47,813

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: *September 24, 2002*

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| CERTIFICATE OF MAILING | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202 | |
| on <u>Sept. 24, 2002</u> | <u>Betsy S. Kirschner</u> |
| Date | Signature |
| <u>Betsy S. Kirschner</u> | |
| Typed or printed name of person signing certificate | |

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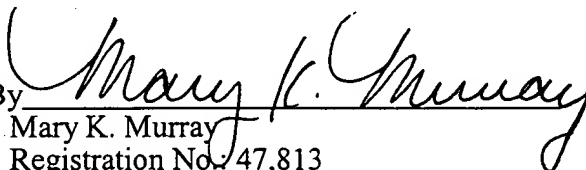
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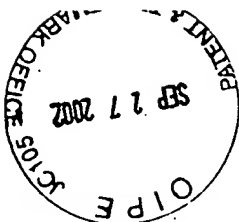
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Dated: *September 24, 2002*



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| PTO-1449 REPRODUCED | | | | ATTORNEY DOCKET NO. 2932.1008-000 | | APPLICATION NO. 09/603,713 | |
|---|-----|---|-----------|---|-------|-------------------------------|----------------------------------|
| 5 TH SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION September 24, 2002 (Use several sheets if necessary) | | | | APPLICANT Jordan J.N. Tang and Arun K. Ghosh | | | |
| | | | | FILING DATE June 27, 2000 | | GROUP 1653 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
| | AJ | 5,200,339 | 04/06/93 | Abraham | 435 | 212 | |
| | AK | 5,733,768 | 03/31/98 | Dixon et al. | 435 | 226 | |
| | AA2 | 5,942,400 | 08/24/99 | Anderson et al. | 435 | 7.1 | |
| | AB2 | 5,978,740 | 11/02/99 | Armistead et al. | 702 | 19 | |
| | AC2 | 5,986,054 | 11/16/99 | George-Hyslop et al. | 530 | 350 | |
| | AD2 | 6,420,534 B1 | 07/16/01 | Gurney et al. | 530 | 827 | |
| | AE2 | 6,077,682 | 06/20/00 | Inouye et al. | 435 | 15 | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
| | AP | WO 96/40885 A2 | 19 DEC 96 | PCT | | | |
| | AQ | WO 97/27296 A1 | 31 JUL 97 | PCT | | | |
| | AL2 | WO 98/13488 A2 | 2 APR 98 | PCT | | | |
| | AM2 | WO 98/15828 A1 | 16 APR 98 | PCT | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
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| EXAMINER | | | | DATE CONSIDERED | | | |

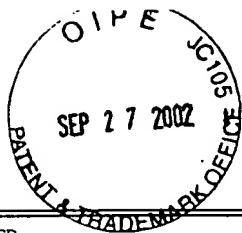


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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO |
| | AP2 | WO 99/51752 A1 | 14 OCT 99 | PCT | | | |
| | AQ2 | WO 99/64587 A1 | 16 DEC 99 | PCT | | | |
| | AL3 | WO 00/17369 A2 | 30 MAR 00 | PCT | | | |
| | AM3 | WO 00/23576 A2 | 27 APR 00 | PCT | | | |
| | AN3 | WO 00/47618 A2 | 17 AUG 00 | PCT | | | |
| | AO3 | WO 00/58479 A1 | 05 OCT 00 | PCT | | | |
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| | AZ4 | Hook, V.Y.H., U.S. Published Patent Application, US 2002/0072050 A1, published June 13, 2002, filing date Feb. 28, 2001. | |
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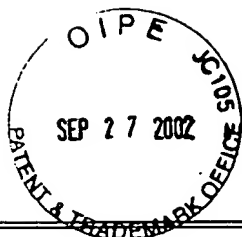
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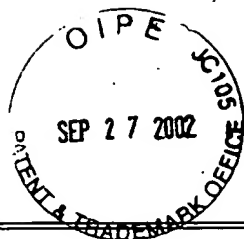
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